At page 1, line 1, insert:

--CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a continuation of USSN 09/269,446 filed March 26, 1999, which is a 35 USC 371 filing from PCT/NL97/00538 filed September 26, 1996.--.

At page 23, line 6, following "untranslated sequences", insert --(SEQ ID NO:1-SEQ ID NO:42)--.

At page 23, line 22, following "coding sequence", insert --(SEQ ID NO:43)--.

At page 23, line 23, following "amino acid residues", insert --(SEQ ID NO:44)--.

At page 7, line 29, after "Primer Sequence 1", insert --(SEQ ID NO:45)--.

At page 7, line 30, after "Primer Sequence 2", insert --(SEQ ID NO:46)--.

At page 7, line 32, after "Primer Sequence 1", insert --(SEQ ID NO:47)--.

At page 7, line 33, after "Primer Sequence 2", insert --(SEQ ID NO:48)--.

At page 7, line 35, after "Primer Sequence 1", insert --(SEQ ID NO:49)--.

At page 7, line 36, after "Primer Sequence 2", insert --(SEQ ID NO:50)--.

At page 19, line 35, after "Forward Primer", insert --(SEQ ID NO:51)--.

At page 19, line 36, after "Reversed Primer", insert --(SEQ ID NO:52)--.

At page 27, column 6, line 5, after "tct ccg cag tcg tag ctc ca", insert --(53)--.

At page 27, column 6, line 6, after "cgc aaa gga tgt aca agc ag", insert --(54)--.

At page 27, column 6, line 8, after "cac ctc caa cac cct tct tt", insert --(55)--.

At page 27, column 6, line 10, after "acg ctg acc ttg cct tct ct", insert --(56)--.

At page 27, column 6, line 12, after "aaa acc cac cct ctg ttc tc", insert --(57)--.

At page 27, column 6, line 14, after "ctt ggt ggc ggg gtt t", insert --(58)--.

At page 27, column 6, line 16, after "tcc ctt ccc ttt tgt aga tg", insert --(59)--.

At page 27, column 6, line 18, after "gac aga gcc aca aga gaa cc", insert --(60)--.

At page 27, column 6, line 20, after "ata ctc tgg ctt ttc tat gc", insert --(61)--.

At page 27, column 6, line 22, after "gca gag aat ggg ggt gg", insert --(62)--.

At page 27, column 6, line 24, after "ggg taa cgt ctt ttt ctc ttg c", insert --(63)--.

At page 27, column 6, line 26, after "att tct tct gaa gga aca gc", insert --(64)--.

At page 27, column 6, line 28, after "caa gcc taa cct cct ctc tg", insert --(65)--.

At page 27, column 6, line 30, after "att tgg agg gag gag ttt gg", insert --(66)--.

At page 27, column 6, line 32, after "cag aaa gtt ggg aaa gta gc", insert --(67)--.

At page 27, column 6, line 34, after "ctt gga gat gag ata ctg agc", insert --(68)--.

At page 27, column 6, line 36, after "tcc aca gct gca tct cca ag", insert --(69)--.

At page 27, column 6, line 38, after "cag tgg ttg ctt ttc ctg ac", insert --(70)--.

At page 27, column 6, line 40, after "tga aca aag att cca cgt gc", insert --(71)--.

At page 27, column 6, line 42, after "tag caa tgc tct aag tcc tg", insert --(72)--.

At page 27, column 6, line 43, after "cgc agg aga acc gca aca a", insert --(73)--.

At page 27, column 6, line 44, after "gc agc agg gag agc cgc agc", insert --(74)--.

At page 27, column 6, line 46, after "ggt tct ttt tca ttc act tgc", insert --(75)--.

At page 27, column 6, line 47, after "gag aat agc ctt atc gtc ac", insert --(76)--.

At page 27, column 6, line 49, after "tgg gaa att gtg gag gga gc", insert --(77)--.

At page 27, column 6, line 51, after "agc ctg tgg tct gag tgg ac", insert --(78)--.

At page 27, column 6, line 53, after "atc cac tgc tct ctt gct tt", insert --(79)--.

At page 27, column 6, line 55, after "tgg cct cat tgg ctt ccc tgc", insert --(80)--.

At page 27, column 6, line 57, after "cta ccc aac ctg acc tct gc", insert --(81)--.

At page 27, column 6, line 59, after "ctc atg ctc tct gtc aac tc", insert --(82)--.

At page 27, column 6, line 61, after "ctg ctt ccc aag cag tct ag", insert --(83)--.

At page 27, column 6, line 63, after "agt ttt taa agg aca gat gg", insert --(84)--.

At page 27, column 6, line 65, after "ctc tgc cgc tct cac cac tg", insert --(85)--.

At page 27, column 6, line 67, after "ttc caa gcc cat agc tgt agc", insert --(86)--.

At page 27, column 7, line 5, after "ggt tgt aga gtg cca tgg tc", insert --(87)--.

At page 27, column 7, line 6, after "att ccc aag cct cca ggg tag", insert --(88)--.

At page 27, column 7, line 8, after "tct gtg ccc tgc tcc act c", insert --(89)--.

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At page 27, column 7, line 10, after "caa cca aaa gcc tcg taa tc", insert --(90)--.

At page 27, column 7, line 12, after "ttg tca ggg tcg gaa act ca", insert --(91)--.

At page 27, column 7, line 14, after "ctg cct aat cct ccc aag ag", insert --(92)--.

At page 27, column 7, line 16, after "gtg ggg ctg tgt tgt cct t", insert --(93)--.

At page 27, column 7, line 18, after "agc aaa gag gag tga gtg gg", insert --(94)--.

At page 27, column 7, line 20, after "gca tga ctc tct ttg tac tc", insert --(95)--.

At page 27, column 7, line 22, after "ctg agg tgg gtt tag agc ag", insert --(96)--.

At page 27, column 7, line 24, after "atg tct ctt ggg cga tag gt", insert --(97)--.

At page 27, column 7, line 26, after "gga ggg atc agg gag ttg gc", insert --(98)--.

At page 27, column 7, line 28, after "tca ttc cag gca aga gct g", insert --(99)--.

At page 27, column 7, line 30, after "tca ctt tcc caa ctt tct gg", insert --(100)--.

At page 27, column 7, line 32, after "ttg aat tcc tgt gaa gga c", insert --(101)--.

At page 27, column 7, line 34, after "cag gca ctt tca tct gtg ac", insert --(102)--.

At page 27, column 7, line 36, after "acc ctc cct tga gcc cct", insert --(103)--.

At page 27, column 7, line 38, after "ttg cca gag aaa cat tct cc", insert --(104)--.

At page 27, column 7, line 40, after "ttc agg agc cag ggt agc atc", insert --(105)--.

At page 27, column 7, line 42, after "tgt ttc ctg agg aag tcc tc", insert --(106)--.

At page 27, column 7, line 43, after "gcg atg acg tcg atg ctc", insert --(107)--.

At page 27, column 7, line 44, after "tac cgt cat tct gcg gat tc", insert --(108)--.

At page 27, column 7, line 46, after "ttt cct ggc agt ctt agc tg", insert --(109)--.

At page 27, column 7, line 47, after "cag tga tgt gag agc aga g", insert --(110)--.

At page 27, column 7, line 49, after "tga ctt ccg cca ccc tgg tg", insert --(111)--.

At page 27, column 7, line 51, after "tag gaa ggg gtg tgc tct gtg", insert --(112)--.

At page 27, column 7, line 53, after "gtg gtt ctc act tat aat ctg c", insert --(113)--.

At page 27, column 7, line 55, after "aag agg aaa ccc ttg cga ag", insert --(114)--.

At page 27, column 7, line 57, after "aca tga taa ccc tga cag tc", insert --(115)--.

At page 27, column 7, line 59, after "tgg ttc caa tgg gaa tgt gc", insert --(116)--.

At page 27, column 7, line 61, after "tcc tgg ata gat ttc cag tc", insert --(117)--.

At page 27, column 7, line 63, after "ttt ccc tgc ccc att cct ttg c", insert --(118)--.

At page 27, column 7, line 65, after "ttt atc agg tag agg cag g", insert --(119)--.

At page 27, column 7, line 67, after "tga ccc tgc tac tcc tgc ttc", insert --(120)--.

At page 28, column 6, line 1, after "act gtg cct cta aca tgc ac", insert --(121)--.

At page 28, column 6, line 3, after "tct gtg agt ggt gac agc tc", insert --(122)--.

At page 28, column 6, line 5, after "tgg aag gac tct ggc acg tg", insert --(123)--.

At page 28, column 6, line 7, after "aga agc cac tgg agg aat ggc", insert --(124)--.

At page 28, column 6, line 9, after "tcc gag tct ctg att tct cc", insert --(125)--.

At page 28, column 6, line 11, after "ttc att ccc tcg gtc tct gc", insert --(126)--.

At page 28, column 6, line 13, after "tgt gaa ccc att gcc tgc a", insert --(127)--.

At page 28, column 6, line 15, after "atg cct ggg aat gac tgc", insert --(128)--.

At page 28, column 6, line 17, after "tga cac cca ggc agg cag", insert --(129)--.

At page 28, column 6, line 19, after "ttg gtg agc tca ccg tgt", insert --(130)--.

At page 28, column 6, line 21, after "gtc cac aca ctg ctc tct gc", insert --(131)--.

At page 28, column 6, line 23, after "gcc agg gag gtg gag tgt", insert --(132)--.

At page 28, column 6, line 25, after "caa ctc ccc aat ggc tc", insert --(133)--.

At page 28, column 6, line 27, after "tct gtg tgc acc atc cca tg", insert --(134)--.

At page 28, column 6, line 29, after "gtt ggt gct agc tgc tga c", insert --(135)--.

At page 28, column 6, line 31, after "gtg tgc tgt ctg acc ctc ac", insert --(136)--.

At page 28, column 6, line 33, after "cct ttg ttt caa ttt tcg tgt ag", insert --(137)--.

At page 28, column 7, line 1, after "aag tgc tgg ctc aag cag", insert --(138)--.

At page 28, column 7, line 3, after "gtc acc tgt ctt ctc agc", insert --(139)--.

At page 28, column 7, line 5, after "gga ggc tct ggg aac ctt ag", insert --(140)--.

At page 28, column 7, line 7, after "att atc aga gca ggt ccc ctt c", insert --(141)--.

At page 28, column 7, line 9, after "aga cgg ccc tca cag tgt c", insert --(142)--.

At page 28, column 7, line 11, after "ctg act gaa cct gtg aga c", insert --(143)--.

At page 28, column 7, line 13, after "tgg gaa tga ctg cgc ttg c", insert --(144)--.

At page 28, column 7, line 15, after "tgt cac gcc tgt ctg tgc", insert --(145)--.

At page 28, column 7, line 17, after "tct gtc ctg gtg gat tgg atc", insert --(146)--.

At page 28, column 7, line 19, after "ttc ccg tgg tga cat gca agc", insert --(147)--.

At page 28, column 7, line 21, after "aca ctc cac ctc cct ggc", insert --(148)--.

At page 28, column 7, line 23, after "ggt tcc ttc cac cgc aac", insert --(149)--.

At page 28, column 7, line 25, after "cct acc cag tgc aga gtg agg", insert --(150)--.

At page 28, column 7, line 27, after "aag gat tgg gct cca tgg ag", insert --(151)--.

At page 28, column 7, line 29, after "ctt tct tct tcc tta gtg tc", insert --(152)--.

At page 28, column 7, line 31, after "agc ctg ggg tca ctt gca gc", insert --(153)--.

At page 28, column 7, line 33, after "tgg ggc ctg ggt acc tcc ca", insert --(154)--.

At page 28, line 37, following "domains of protein are indicated according to Stea et al., 1995.", insert --( ) The sequence identification number (SEQ ID NO:) is in parenthesis immediately following each sequence.--.


In The Claims


Claim 11 has been amended to delete "as shown in figure 2". Support for this amendment can be found on page 4 lines 17-20.

Claim 12 has been amended to refer to table 2 instead of figure 2.

Claims 18 and 19 have been amended to correct a spelling error.

Claim 19 has been amended to delete its reference to SEQ ID NO:26. Support for this amendment can be found in Claim 19 as filed.

Claims 42 and 43 have been amended to replace "specific fragment" with "fragment". Support for this amendment can be found on page 5, line 27- page 6, line 2.


Following the final page of claims, insert

--ABSTRACT OF THE DISCLOSURE


Genes for familial hemeplegic migraine (FHM), episodic ataxia type-2 (EA-2), common forms of

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